

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 24 Compton Creek - Los Angeles River to
COE STA 199 + 31 T.G. 735-A7 TO 765-C5

Permit Requirements:

Mechanical equipment will be used to keep the channel clear of all vegetation.

Description of Activity/Method of Implementation:

Vegetation was scraped and hauled away for disposal, from 91 fwy to Los Angeles River. Floating debris was hand cleared and taken to Imperial Yard. No dust was generated.

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Water trucks were implemented to control dust.

Completed by: Name: Derrel Feiker Title: Construction Super. Date 11/21/12

Approved by: Name: [Signature] Title: PE Date 4/4/13

DF

**LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM**

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 4035.80

Square Feet of Exotic Veg. Removed _____

Location/Channel Reach #: Reach No. 24 Compton Creek - Los Angeles River to COE
STA 199 + 31 T.G. 735-A7 TO 765-C5

Permit Requirements:

Mechanical equipment will be used to keep the channel clear of all vegetation.

Description of Activity/Method of Implementation:

Vegetation was scraped and hauled away for disposal, from 91 freeway to Los Angeles River. Floating debris was hand cleared and taken to Imperial Yard. No dust was generated.

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice were deemed to be applicable and were implemented

.	ESC1	Scheduling
.	ESC2	Preservation of Existing Vegetation
.	ESC21	Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Water trucks used to control dust

Completed by: Name: Derrel Feiker Title: Construction Super Date: 11/21/12

Approved by: Name:  Title: PE Date: 4/4/13

DF

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Impact Issue: NOISE

Mitigation Measure #: 3

Location/Channel Reach #: Reach No. 24 Compton Creek - Los Angeles River to
COE STA 199 + 31 T.G. 735-A7 TO 765-C5

Permit Requirements:

Mechanical equipment will be used to keep the channel clear of all vegetation.

Description of Activity/Method of Implementation:

Vegetation was scraped and hauled away for disposal, from 91 freeway to Los Angeles River. Floating debris was hand cleared and taken to Imperial Yard. No dust was generated.

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Water trucks were used for dust control.

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 11/21/12

Approved by Name:  Title: PE Date: 4/4/13

DF.

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Compton Creek
 Reach Number 24

Date	Air	H2O	Noise	Comment	Initial
10-9-12	Good	Clear	low	"	DB
10-10-12	Good	Clear	low	"	DB
10-11-12	Good	"	"	"	DB
10-12-12	Good	"	"	"	DB
10-16-12	Good	"	"	"	DB
10-17-12	Good	"	low	"	DB
10-18-12	Good	"	low	"	DB
10-19-12	Good	"	low	"	DB
10-22-12	Good	"	low	"	"
10-23-12	Windy	"	Low	"	"
10-24-12	Windy	"	Low	"	"
10-25-12	Windy	"	low	"	"

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Compton Creek
 Reach Number 24

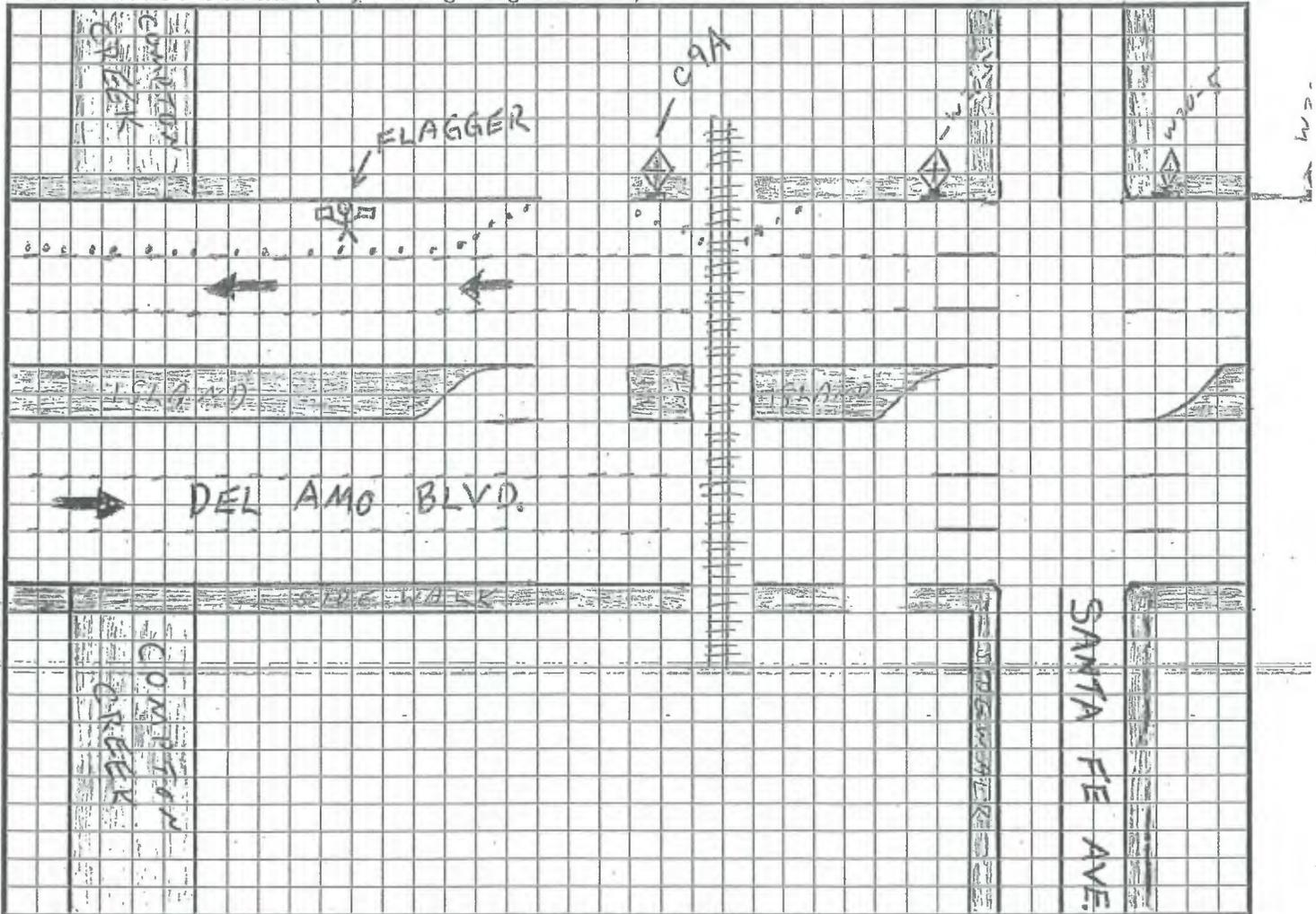
Date	Air	H2O	Noise	Comment	Initial
9/17/12	Good	Clear	Moderate	"	DB
9/18/12	Good	Clear	Moderate	"	DB
9/19/12	Good	Clear	Moderate	"	DB
9/25/12	Good	Clear	Moderate	"	DB
9/21/12	Good	Clear	Moderate	"	DB
9/23/12	Good	Clear	Low	"	DB
9/28-12	Good	Clear	Low	"	WS
10-1-12	Good	Clear	Low	"	WS
10-2-12	Good	Clear	Low	"	DB
10-3-12	Good	Clear	Low	"	DB
10-4-12	Good	Clear	Low	"	DB
10-5-12	Good	Clear	Low	"	DB

Taper Length, Number of Devices, and Device Spacing Table

Speed	Min. Merging Taper Length (L) in Feet Lane Width (W) in Feet				Minimum Number of Devices Lane Width in Feet				Maximum Device Spacing in Feet		Buffer Space
	9	10	11	12	9	10	11	12	Along Taper	Along Tangent	
25 or below	95	105	115	125	5	6	6	6	25	50	155
30	135	150	165	180	6	6	7	7	30	60	200
35	185	205	225	245	7	7	8	8	35	70	250
40	240	270	295	320	7	8	9	9	40	80	305
45	405	450	495	540	10	11	12	13	45	90	360
50	450	500	550	600	10	11	12	13	50	100	425
55	495	550	605	660	10	11	12	13	55	110	495
60	540	600	660	720	10	11	12	13	60	120	570
65	585	650	715	780	10	11	12	13	65	130	645
70	630	700	770	840	10	11	12	13	70	140	730
75	675	750	825	900	10	11	12	13	75	150	820
80	720	800	880	960	10	11	12	13	80	160	N/A

Use this are for TCT sketches (only if making changes to the TA)

← Indicated direction of traffic



Statement

Darryl Brown
11-20-12
Compton Creek

Heavy
Equipment
On Site

- Crane
- Excavator
- 10 yard dump truck

Equipment
and
Operation

- Excavator removing vegetation from invert of the Compton Creek.
- Crane is loading the 10 yard dump truck to take to the dump.

Traffic
Control

- Sign with Barricade are located on the bicyeler trail to show road closed ahead for safety

Incident
Report

(None)

Statement

Darryl Brown
11-16-12
Compton Creek

Heavy
Equipment
On Site

- Crane
- Excavator
- 10 yard dump truck

Equipment
and
Operation

- Excavator removing vegetation from invert of the Compton Creek.
- Crane is loading the 10 yard dump truck to take to the dump

Traffic
Control

- Sign with Barricade are located on the bicyclist trail to show road closed ahead for safety.

Incident
Report

(None)

Statement

Darryl Brown
11-15-12

Compton Creek

Heavy
Equipment
On Site

- Crane
- Excavator
- 10 yard dump truck

Equipment
and
Operation

- Excavator removing vegetation from INvert of the Compton Creek.
- Crane is loading the 10 yard dump truck to take to the dump.

Traffic
Control

- Sign with Barriade are located on the bicyeler trail to show road closed ahead for safety.

Incident
Report

(None)

Statement

Darryl Brown
10-25-12

Tail Gate Meeting	- Haul Daily ticket - Route assignment - Safety issues
Traffic Safety Coordinator	- Highrises, Cones - Caution light and flag sign
Weather	Sunny, cool
Various Picture	- D8, 963 pushing and scraping debris together for pick up. Truck hauling and getting loading.
Daily Inspection	Contactor Vehicles (D8, 963, Super 10) (No leaky Equipment)
BMP Inspection	Barrier for the catchbasin is in good condition
Incident Report	(None)

Statement

Darryl Brown
10-25-12

Tail Gate Meeting	<ul style="list-style-type: none">- Haul Daily ticket- Route assignment- Safety issues
Traffic Safety Coordinator	<ul style="list-style-type: none">- cones, high rises- Barricade with sign- Caution light and flag sign
Weather	<ul style="list-style-type: none">- Sunny, Cool
Various Picture	<ul style="list-style-type: none">- Truck hauling- Case loader loading truck- D8 Scraping and pushing debris.
BMP Inspection	<ul style="list-style-type: none">- Catch basin covered with barrier with sand bag
Daily Inspection	<ul style="list-style-type: none">- Contactor Vehicles (D8, 963, Super 10)- for oil leaks or deficiencies
Incident Report	<ul style="list-style-type: none">- (None)

Statement

Darryl Braun
10-23-12

Tail Gate Meeting

Haul Truck ticket
Route assignment
Safety Issues

Traffic Safety Coordinator

flag men, Cones
Highrises, Barrier with sign

Weather

Cool, sunny

Various Picture

963 loading, D8 scraping debris together for pick up, hauling, Traffic Control.

BMP Inspection

Straw bale Barrier for the catch basin

Cleaning

wash down the bicyeler trail, driveway

Incident Report

(None)

Statement

Darryl Brown

10-22-12

Tail Gate Meeting

- Haul Daily ticket
- Route assignment
- Safety

Traffic Control Coordinator

- Cones, highrises
- flag men
- Barricade with sign

Various Picture

- loading, hauling
- truck spraying
- flagging

Weather

- Sunny, little wind

Daily Heavy Truck Inspection

- D8
- 963
- Contactor Vehicles
- Water truck

BMP Inspection

Bale Barrier with the Compton Creek Channel
LA River meet

BMP Refueling Equipment

- Absorbent pads underneath for spill.

Incident Report

(None)

Statement

Darryl Brown
10-20-12

Tail Gate Meeting	- Haul truck Daily Ticket - Route assignment - Safety Route
Traffic Safety Coordinator	- Slow sign, Cones - highrise sign
Weather	- sprinkling in the morning - Overcast
Various Picture	- water truck, Traffic control - hauling, loading, D8, 963
Daily Inspection	- Contactor Vehicles, D8, 963, Water truck
BMP Inspection	Straw Bale Barrier where the Compton CREEK and LA River meet. Barrier around catch basin.
BMP Refueling Equipment	- Absorbent pad underneath fueling area.
Incident Report	(None)

Statement

Darryl Braun
10-19-2012

Tail Gate Meeting

- Haul Truck Daily Ticket
- Safety talk
- Route assignment

Traffic Safety Coordinator

- Cones with highrises
- Caution light
- flag sign with men

Weather

- sunny
- Hot

Various Picture

- water truck spraying
- hauling
- loading

Daily Inspection

- D8, 963 and Contractor Super 10

BMP Inspection

- Straw Barrier at the end of Compton Creek
- Barrier around catch basin

BMP Refueling Equipment

- Absorbent pads underneath to prevent spills.

Incident Report

(Note)

Statement

Darryl Brown
10-18-12

Trail Gate Meeting	Filling out Haul truck ticket Route assignment Safety issues
Traffic Control Coordinator	Set up cones with highrise, Barricades Caution light and flag sign
Weather	overcast in the morning hot in the afternoon
Various Picture	Truck loading, hauling, water truck spraying
Daily Inspection	contractor vehicles (D8, 963 Super 10 water truck)
BMP Inspection	Barrier looks good
Cleaning	Right away cleaning and driveway
Incident Report	(None)

Statement

Darryl Brown
10-17-12

Tail Gate Meeting	Route Issues Paper Work
Traffic Control Coordinator	- Cones Highrises - Barricade signs Caution light and flag sign
Weather	Sunny, Hot
Various Pictures	Truck loading, hauling Water truck Spraying D8 963 push and scraping debris
BMP Inspection	- Catch basin straw Barrier - Barrier with sandbags
Daily Inspection	Contractor Dump truck D8, 963, and water truck
Cleaning	Removal of any trash on bicycle trail. Sweeping the rightaway
Incident Report	(None)

Statement

Darryl Brown
10

Tail Gate Meeting

- Safety Route
- Paper work

Traffic Safety Coordinator

Set up cones with high rises, Barricades caution light and flag sign

Weather

Cold in the morning partly cloudy burned off in the afternoon. Hot and sunny around 82 degrees.

Various Picture

Took picture throughout the day of Trucks loading, hauling and water truck spraying water down the right away. D8 963 pushing and scraping debris together for pick up.

Daily Inspection

Contractor Vehicles (D8, 963 super 10 water truck)

BMP Inspection

After the rain replace the straw bale Barrier for the catchbasin and where the Compton Creek and LA River meet.

Cleaning

Making sure the bicyclist trail is clean from trash and debris By cleaning right way and driveway.

INCIDENT REPORT

Petty good day no major or minor Incidents

Statement

Darryl Brown

10-15-12

Compton Creek

@ Santa Fe

Tail Gate Meeting	<ul style="list-style-type: none">- Paper work- Route assignment- Safety
Traffic Control Coordinator	<ul style="list-style-type: none">- Highrises, cones- Barricades, sign
Weather	Hot, sunny
BMP	Straw Bale Barrier with sandbags
Various Picture	Traffic control, loading, hauling, D8, 963, Truck spraying and flagger
Daily Heavy Truck Inspection	Check for leak (None)
BMP Refueling Equipment	Absorbent pad underneath fueling area
Cleaning	Sweeping Shaker plates and Driveway
Incident Report	(None)

Statement

Darryl Brown

10-10-12

N/O Santa Fe
@ Compton Peak

Tail Gate Meeting

Paper work fill out
Route assignment
Safety

Traffic Control Coordinator

high vises, Cones
Barriades Signs
flagger sign

Weather

overcast, a chance of rain

Various Picture

BMP, loading, hauling
D8, 963, Crew working

BMP Refueling Equipment

Absorbent pads to prevent spills

Daily Truck Inspection

D8, 963, 10 yard for leak
(Good)

Cleaning

shaker plates
Driveway

Incident Report

(None)

Statement

Darryl Brown

10-9-12

N/O Santa Fe
@ Compton Creek

Tail Gate Meeting

Paper Work
Route assignment
Safety issues

Traffic Control Coordinator

Signs, cones
Highrises, arrow boards

Weather

Warm, Cloudy

BMP

straw bale barrier Inspection
(look good)

Various Picture

hauling, loading, water truck

BMP Refueling Equipment

Asorbent pad underneath fueling area

Daily Heavy Truck

Inspection Cheaking for leak (None)

Cleaning

shaker plates sweeping, Driveway
Right away

Incident Report

(None)

Statement

Darryl Brown
10-5-12

Tail Gate Meeting	- Route assignment - Paper work - Safety
Traffic Control Coordinator	- Cones, highrises - Barricades, Sign Caution light and flagger
Weather	cool, overcast
Various Pictures	Skaker plates, hauling, loading Traffic Control, flagger, spraying
BMP	Catchbasin Containment
Daily Inspection	Heavy Equipment D8 963 (NO Leaks)
BMP Refueling Equipment	Absorbent pad underneath to prevent spill.
Cleaning	Skaker plates sweeping
Incident Report	(None)

Statement

Darryl Brown
10-4-12

Tail Gate Meeting	- Route assignment - Paper work
Traffic Control Coordinator	Highrise, Cones Barricade, Sign
Weather	Sunny, Hot
Various Picture	loading, hauling Traffic Control, flagger
Straw Bale Barrier Inspection	Still in place looks Good
BMP Inspection	Its in good condition
BMP Refueling Equipment	absorbent pad to prevent spill
Cleaning	sweeping driveway and skater plates
Incident Report	No problem today

Statement

Derry/Brown
10-3-12

Tail Gate
Meeting

Paper Work
Route assignment
Safety issues

Traffic
Control
Coordinator

Highrises, Cones
Barricade with sign

Weather

Sunny, Hot

Various
Picture

hauling, loading flagger traffic control
water truck

BMP

Bale straw Barrier (Inspected)
catch basin containment (Inspected)

Daily
Truck
Inspection

Checking for leak (None)

Cleaning

sweeping driveway

Incident
Report

(None)

Statement

Darryl Brown
Oct 2, 12

Tail Gate Meeting	- Paper Work - Route assignment - Safety
Traffic Control Coordinator	- High rises Cones Barricade with Signs
Weather	Sunny, Very Hot
Straw Bale Catchbasin Barrier	Hand made sandbag to hold the straw bale down. Holding back trash and debris Catch basin containment (Sandbag with straw bale)
BMP Refueling	On the rightaway with absorbent pads underneath fueling area for possible spill.
Various Picture	Water truck spraying, flagger, traffic control, loading and hauling
Cleaning	Sweeping off skater plates and Driveway
Incident Report	(None)

Statement

Mike Stephenson

10-1-2012

Tailgate Meeting Paperwork for truck drivers
Route assignments & Safety

Traffic Coordinator Highrises, Cones, Barricades, Signs

Weather Sunny, clear & Hot

BMP's Catch Basin Containment & Coured Inspected Daily

Various Pictures Equipment loading, Hauling, water truck operation
D8 & 963C Cat Loaders

BMP Refueling Equipment Absorbent pads under equipment to collect any spillage

Daily Inspections Truck & Equipment for leaks

Cleaning Sweeping, shaker plates

Incident Report

Statement

Darrell Brown
9-28-12

Tail Gate Meeting	- Route assignment - Paper work - Safety and Truck Inspection
Traffic Coordinator	- Highrisers, Cones Barricade sign
Weather	Sunny, Clear
Various Picture	- loading hauling water truck Skater plates Contractor truck
BMP Refueling Equipment	Absorbent pads to prevent spills
Daily Truck Inspection	No leaks
Cleaning	street cleaning at the end of the day.
Incident Report	None

Statement

Darryl Brann
9-20-12

Tail Gate Meeting	- Paper work for truck Driver - Route assignment - Safety issues
Traffic Control Coordinator	- High rises - Cones - Barricade
Weather	Sunny, Clear
BMP	catchbasin containment Covered Inspected daily
BMP Refueling Equipment	Absorbent pads underneath to prevent spills (daily)
Daily Inspection	Truck for leaks
Cleaning	sweeping skaver plates, driveway
Incident Report	None

Statement

Darrell Brown
9-27-12

Tail Gate Meeting	- Paper work - Safety - Route assignment
Traffic Safety Coordinator	- Cones highrises - Barriers, Sign
Weather	Cloudy, Overcast
Various Pictures	hauling, loading Water truck D8, 963c
BMP	Catch basin Covered (Inspected Daily)
Daily Inspection	Truck for leak
BMP Refueling Equipment	Absorbent pads underneath to Prevent spill
Cleaning	Sweeping Skater plates, Driveway
Incident Report	None

Statement

Darryl Brown
9-26-12

Tail Gate Meeting	- Paper Work for truck Driver - Route assignment - Safety issues
Traffic Coordinator	- Highrises, Cones - Sign, Barricades
Weather	Sunny, Clear
Various Picture	loading, hauling, Removing Vegetation and debris. Water truck Spraying D8, 963C
BMP	catch basin containment Covered (Inspected Daily)
BMP Refueling Equipment	Adsorbent Pads present and underneath to prevent spills
Daily Inspection	Truck for leaks or discharge
Cleaning	Sweeping bike trail with street sweeping. Staker plates and driveway
Incident Report	None

Statement

Darryl Brown
9/25/12

Tail Gate Meeting	- Route assignment - Paper work - Safety issues
Traffic Coordinator	set out cones, highrises and caution light. flag men at each posts.
Weather	Sunny, Clear
Various Picture	- loading hauling, flagger, water truck and traffic control
BMP	Straw Bale Barrier on each catch basin with sandbag
Heavy Equipment Inspection	Checking for leaks (None)
BMP Refueling Equipment	Adsorbent pad underneath when fueling
Cleaning	Sweeping skate plates, Driveway Street Sweeper sweeping the bike trail
Incident Report	(None)

Statement

Darryl Brown
9-23-12

Tail Gate Meeting

- Route Assignment
- Paper work, Safety

Traffic Coordinator

Highways, Cones
Barricade, Sign

Weather

Sunny, Clear

BMP

Catchbasin containment covered
(Inspection Daily)

Various Picture

Truck spraying water, hauling, loading
D8 963C

BMP Refueling Equipment

Absorbent pad underneath to prevent spills

Daily Inspection

Truck for leaks

Cleaning

Skater plates sweeping, driveway

Incident Report

(None)

Statement

Darryl Brown
9-21-12

Tail Gate Meeting	<ul style="list-style-type: none">- Safty- Paper work for truck driver- Route assignment- Tail Gate meeting with the Crew
Traffic Coordinator	<ul style="list-style-type: none">- Cones- Highrises- Caution lights
Weather	<ul style="list-style-type: none">- Sunny,- Hot
Various Picture	<ul style="list-style-type: none">- loading, Traffic Control- hauling - flagger
Daily Heavy Equipment Inspection	<ul style="list-style-type: none">- Checking for leak (None)
BMP	<ul style="list-style-type: none">- Staw Bale Barrier in place (Inspection Daily)
BMP Refueling Equipment	<ul style="list-style-type: none">- Absorbent pad underneath fuel area
Cleaning	Skaker plates, Driveway (Sweeping)
Incident Report	(None)

Statement

Darryl Brown
9-19-2012

Tail Gate Meeting	Paper for truck driver Route assignment Safety
Traffic Coordinator	Highrises, Cones Barvicide, Sign
Weather	Sunny, Clear
BMP	Catchbasin containment covered Inspected daily
Various Picture	loading, hauling, water truck spraying D8, 963C cat
BMP Refueling Equipment	Absorbent pads underneath to prevent spill daily.
Daily Inspection	Truck for leaks
Cleaning	Sweeping skaver plates, driveway
Incident Report	None

Statement

9-18-12

Darryl Brown

Tail Gate Meeting

Meeting with truck driver on Safety the route assignment and paper work

Traffic Safety Coordinator

Set out cones, highrises, Barricade with sign and caution light. A flag at each post.

Weather

Sunny, Hot

BMP

Straw Bale Barrier on each catch basin with sandbags

Various Picture

Traffic control, loading and hauling, water truck spraying, flegger

Daily Heavy Truck Inspection

Checking for leak (None)

Cleaning

Sweeping Skaker plates, Drive way

BMP Refueling Equipment

A sorbent pad underneath fueling area

Incident Report

None

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 25 Los Angeles River T.G. 795-C3 TO C5

Permit Requirements:

Los Angeles River - Willow Street to Pacific Coast Highway, SD4 Using mechanical equipment, all exotic vegetation will be removed throughout this reach. Riparian vegetation will be kept in place at the level that was left in November 1997.

The Operator shall not impact the 9.37 acres of vegetation that was allowed to remain in 1997 and maintenance activities shall not extend beyond the area cleared in 1997.

Description of Activity/Method of Implementation:

Exotic vegetation was removed using heavy equipment and hand crews

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions: A small track excavator was utilized to remove arundo and root ball. Water truck was implemented to control dust.

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 11/13/12

Approved by: Name: [Signature] Title: PE Date: 4/4/13

DF

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2 Tons Trash/Debris Removed 1909.89
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 25 Los Angeles River T.G. 795-C3 TO C5

Permit Requirements:

Los Angeles River - Willow Street to Pacific Coast Highway, SD4 Using mechanical equipment, all exotic vegetation will be removed throughout this reach. Riparian vegetation will be kept in place at the level that was left in November 1997.

The Operator shall not impact the 9.37 acres of vegetation that was allowed to remain in 1997 and maintenance activities shall not extend beyond the area cleared in 1997.

Description of Activity/Method of Implementation:

Exotic vegetation was removed using heavy equipment and hand crews.
Water truck was used for dust control. Small track excavator was used to remove arundo and root ball

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

.	ESC1	Scheduling
.	ESC2	Preservation of Existing Vegetation
.	ESC21	Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is Required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Applicable BMP's were implemented.

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 11/13/12

Approved by: Name: [Signature] Title: PE Date: 4/4/13

DF

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: NOISE

Mitigation Measure #: 3

Location/Channel Reach #: Reach No. 25 Los Angeles River T.G. 795-C3 TO C5

Permit Requirements:

Los Angeles River - Willow Street to Pacific Coast Highway, SD4 Using mechanical equipment, all exotic vegetation will be removed throughout this reach. Riparian vegetation will be kept in place at the level that was left in November 1997.

The Operator shall not impact the 9.37 acres of vegetation that was allowed to remain in 1997 and maintenance activities shall not extend beyond the area cleared in 1997.

Description of Activity/Method of Implementation:

Exotic vegetation was removed using heavy equipment and hand crews.

Disposition: Mitigation measure has been implemented. No future action is required.

_____ Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

_____ The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 11/13/12

Approved by: Name:  Title: PE Date: 4/4/13



Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Los Angeles River
 Reach Number 25

Date	Air	H2O	Noise	Comment	Initial
9-17-12	GOOD	Flowing	FAIR	START OF SEPTORON REPAIR WORK	R.S.
9-18-12	GOOD	Flowing	FAIR	SOME ARE STAYING IN THE STREETS & OUTLETS PUMP STATION	R.S.
9-19-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	OR
9-20-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	
9-21-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	R.S.
9-26-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	A.M.
9-27-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	A.M.
9-28-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	A.M.
10-1-12	GOOD	Flowing	FAIR	LONG BEACH RAN THEIR PUMPS END OF DAY OVER CAST IN THE MORNINGS	R.S.
10-2-12	GOOD	Flowing	FAIR	SUNNY AND WARM	R.S.
10-3-12	GOOD	Flowing	FAIR	NOTHING TO REPORT	A.M.
10-4-12	GOOD	Flowing	FAIR	MORNING HAZE	R.S.

* POLLED OFF OF JOB (NO WORK) 9/24 & 9/25

Los Angeles County Channel Maintenance Project

Mitigation Monitoring Program

Reach Name Los Angeles River

Reach Number 25

Date	Air	H2O	Noise	Comment	Initial
10-5-12	GOOD	Flowing	FAIR	MORNING OVERCAST	R.S.
10-9-12	GOOD	Flowing	FAIR	MOSTLY CLOUDS ALL DAY	R.S.
10-10-12	GOOD	Flowing	FAIR	CLOUDS & CHANCE OF RAIN	R.S.
10-15-12	GOOD	Flowing	FAIR	GROUND STILL TO SATURATED TO WORK (DUE TO RAIN) →	R.S.
10-18-12	GOOD	Flowing	FAIR	CLOUDY & COOL	R.S.
10-19-12	GOOD	Flowing	GOOD	ALL HAND WORK AND HEAVY EQUIP.	R.S.
10-22-12	GOOD	Flowing	GOOD	CHAIR GARS THE WEEDS UP	R.S.
10-24-12	GOOD	Flowing	FAIR	SUNNY CREW WORKING WITH ^{GOOD} AND CHAIR GARS WEEDS	R.S.
10-25-12	GOOD	Flowing	FAIR	SUNNY AND WORK BEING DONE BY EQUIPMENT.	R.S.
10-26-12	GOOD	Flowing	FAIR	ALL WORK BEING DONE BY EQUIPMENT	R.S.
10-29-12	GOOD	Flowing	LOW	Sunny, warm	DB
10-31	GOOD	Flowing	Fair	Sunny, warm	DB

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Los Angeles River
 Reach Number 25

Date	Air	H2O	Noise	Comment	Initial
11-1-12	Good	Clear Flowing	Fair	Sunny, warm	DB
11-2-12	Good	Flowing	Low	Sunny, warm	DB
11-3-12	Good	Clear Flowing	Fair	Sunny warm	DB
11-5-12	Good	Flowing	Low	Sunny Cool	DB
11-6-12	Good	Flowing	Low	Sunny Cool	DB
11-7-12	Good	Flowing	Fair	Sunny warm	DB
11-13-12	Good	Flowing	Fair	Sunny Cool	DB

Statement

Darryl Brown

11-13-12

LA River

Tail Gate Meeting	<ul style="list-style-type: none">- Haul Truck Daily ticket- Safety Issues- Waste Origin Report Form
BMP Dust	<ul style="list-style-type: none">- ON Site a water truck to keep the dust down.
Heavy Equipment ON Site	<ul style="list-style-type: none">- Excavator, D8- Case loader, 963- 11 contractor dump truck
Weather	<ul style="list-style-type: none">- Sunny, Warm
Various Picture	<ul style="list-style-type: none">- Water truck, D8, 963 loading Scragging- Excavator plucking
Transportation over bicycle trail	Used rubber mats to walk the 963 D8 across the trail.
Incident Report	(None)

Statement

Darryl Brown
11-7-12
LA River

Tail Gate Meeting	<ul style="list-style-type: none">- Waste Report Form- Haul Daily ticket- Safety Issues
BMP Dusts	<ul style="list-style-type: none">- On Site a water truck
Weather	Sunny, Cool. Removing pound rain in the forecast.
Various Picture	- Water truck, D8, Caseload, hauling, loading
Daily Inspection Heavy Equipment	D8, 693 Caseloader Excavator 11- Contractor truck Driver
Transportation over bicycle trail	- Used rubber mats to walk the 963 and D8 across the trail.
Incident Report	

Statement

Darryl Brown
11-6-12
LA River

Tail Gate Meeting	<ul style="list-style-type: none">- Haul Daily ticket- Waste Report form- Safety Issues
BMP for Dust	- Water truck on site to keep the dust down
Weather	Sunny, warm rain in the future forecast no longer stock ponding
Various Picture	- Excavator plucking, truck hauling and loading. Heavy Equipment working and water
Heavy Equipment Inspection	<ul style="list-style-type: none">- Excavator, D8- Case loader, 963- 11 Contractor truck Driver
Transportation over Bicycle trail	Used rubber mats to walk the 963 and D8 across the trail.
Incident Report	(None)

Statement

Darryl Brown
11-5-12
LA River

Tail Gate Meeting	- Waste Report form - Truck Daily ticket - Safety
BMP for Dust	- ON' site a water truck to keep the dust down'
Heavy Equipment on site	- 963 Case loader Excavator D8 11- Contractor truck
Weather	- Sunny, Warm removing stock pile because of change of Rain in the forecast
Various Picture	loading, hauling, plucking, water spraying
Transportation over bicycle trail	- Used rubber mats to walk the 963 and D8 across the trail.
Incident Report	(None)

Statement

Darryl Brown
11-3-12

LA River

Tail Gate Meeting - Haul truck Daily ticket
- Waste Origin Report form
- Safety Issues

BMP Dust - Water truck on site

Weather - SUNN'Y, WARM

ON Site Heavy Equipment - EXCAVATOR
- Case loader
- D8, 963, four-county truck
- 11-Constructor truck

VARIOUS PICTURE - hauling, loading, Plucking
- Scraping and water truck

Transportation OVER bicycle tail - Used Rubber mats to walk 963, D8 and D6 across the tail.

Incident Report (None)

Statement

Darryl Brown

11-2-12

LA River

Tail Gate Meeting	<ul style="list-style-type: none">- Waste Origin Report form- Haul Truck Daily ticket- Safety issues
BMP	- Water truck on site for dust control
Weather	Sunny, Warm
Heavy Equipment Inspection	Excavator, D8 Cast loader, D6
Various Picture	loading, hauling Plucking, Scraping
Transportation Over Bicycles Trail	Used rubber mats for Heavy Equipment
Incident Report	(None)

Statement

Darryl Brown

11-01-12

LA River

Tail Gate Meeting	- Haul Truck Ticket - Waste Origin Report form - Route assignment
Water Truck	- ON Site spraying water to keep dust down
Weather	Sunny, Cool
Various Picture	- loading, hauling, spraying, Plucking Ground crew cutting and water truck.
Transportation over big level tail	Used rubber mats to walk the Heavy Equipment across the trail.
Heavy Equipment Inspection	Excavator, D8 Case loader 963 11-10 yard truck
Incident Report	(None)

Statement

Darryl Brown

10-31-12

LA River

Tail Gate Meeting

- Haul Truck Daily Ticket
- Waste Origin Report form
- Safety issues

Water Truck

- on site to keep the dust down

Have Working Crew

- ON site for removal of vegetation and pulling it away from tree so that the heavy equipment can reach it

Weather

overcast in the morning. Sunny and Cool in the afternoon

Various Picture

- Heavy Equipment working to push vegetation together for removal. Hauling, loading, water truck and crew working

Transportation over bicyclist trail

- Using rubber mat to walk the heavy equipment across the trail.

Incident Report

(None)

Statement

Darryl Brown
Oct 30, 2012
LA River

Tail Gate Meeting	- Haul Truck Daily ticket - Waste Origin Report form - Safety issues
Water Truck	- ON Site to Keep the dust down
Heavy Equipment	Excavator D8, 963 6-Super 10
Weather	Overcast, Cool
Various Picture	loading, hauling, water truck, EXCATATOR Plucking and D8 pushing
Transportation over bicyclist trail	Used rubber mats to walk heavy Equipment across the bike trail.
Incident Report	(None)

Statement

Darvyl Brown
10-29-12
LA River

Tail Gate Meeting

- Haul Truck Ticket
- Waste Origin Report form
- Route assignment

Water Truck

- Spraying the ramps
- Keeping dust down

Heavy Equipment

- Excavator, D8
- Case loader - 963 C
- 3-10 yard, 6-Super 10

Weather

Sunny, Warm

Various Picture

- loading, hauling water truck
- Excavator plucking.

Transportation over bicyeler trail

Used Rubber mat to walk the heavy Equipment across the bicyeler trail

Incident Report

(None)

Statement

Darryl Brown
10-26-12
L.A. River

Puente Hills
Landfill - Paper work
- Route
- Issues

Water
Truck - ON site spraying water to keep dust down

Heavy
Equipment - Excavator, DB
- Case loading - 963
- four 10 yard truck

Weather Sunny, warm, little windy

Various
Picture loading, spraying, hauling, water truck
spraying and excavator plucking.

Transportation
over
bicyclist trail - Used rubber mats to walk the 963 and
DB across the trail.

Incident
Report (None)

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	Flood Maintenance	Date:	9/17/12
Project Name:	Proj. 74 Reach 26	Start Time: (hour:minute)	8:30 AM/PM
Operation Type:	North of Artesia on Vermont	End Time: (hour:minute)	3:45 AM/PM
Location:			

Location of Work (check one)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Outside the shoulder On the shoulder with NO encroachment On the shoulder with encroachment Within the median Within the roadway
---------------------------------	---	--

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	✓		
Lane Closure		✓	
Delineation	✓		Clear and Dry

MUTCD Typical App. # (List all applicable)			Devices Required	Quantity
Site Traffic Speed	40	MPH	Barricades	NA
Lane Width	10	Feet	Cones	40
Buffer Space	305	Feet	Delineators	NA
Cone Spacing	10	Feet	Flagger	NA
Merging Taper Length	107	Feet	Arrow Panel	NA
Advance Warning Sign Spacing	350	Feet		
Signs Used (Ex: W21-5, W21-1a)	Road Work Ahead Shoulder Work Ahead End of Road Work		Other (Specify):	

Prepared by: Richard [Signature] Date: 9-17-12

Reviewed by: [Signature] Date: 9-17-12
(if different from above)



County of Los Angeles
Department of Public Works
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LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

Traffic kept to a minimum thro debris loading zone
To minimize dust

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offal Title: P.W.C.L. Date: 9-17-12

Approved by: Name: [Signature] Title: FCS Date: 09/17/12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 5.54

Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

vegetation cleared above water line. Greg Johnson (Geologist)
sampled water in three designated areas

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

- ESC1 Scheduling
- ESC2 Preservation of Existing Vegetation
- ESC21 Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offal Title: P.W.C.L. Date: 9-17-12

Approved by: [Signature] Title: FCCS Date: 09/17/12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

ear was supplied to ground work force in the event noise level exceeded 85 db's

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard [Signature] Title: P.W.C.L. Date: 9-17-12

Approved by: [Signature] Title: FWS Date: 09/17/12

[Signature]

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.

PROJECT 74 – REACH 26

17#
09/18/12

17#

At approximately 8am on Monday September 18, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74 on the Artesia Freeway, West of the Harbor Freeway on the right shoulder to gain access to the East side of Project 74. . A tailgate was then held outlining the Safety and Environmental issues concerning the clearing of Project 74. The entire west side of the channel was cleared and the debris removed from the entrance gate staging area on Vermont Avenue to the Artesia Blvd Bridge. This included the removal of evasive plants such as Caster trees after deseeding them. Water testing was conducted by Greg Johnson (Public Works Geologist).

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	<u>Flood Control South</u>	Date:	<u>9/18/12</u>
Project Name:	<u>Proj. 74</u>	Start Time: (hour:minute)	<u>8:20</u> AM/PM
Operation Type:	<u>Debris clearing</u>	End Time: (hour:minute)	<u>3:43</u> AM/PM
Location:	<u>91 Fwy off ramp Vermont</u>		

Location of Work (check one)	<input checked="" type="checkbox"/>	Outside the shoulder
	<input type="checkbox"/>	On the shoulder with NO encroachment
	<input type="checkbox"/>	On the shoulder with encroachment
	<input type="checkbox"/>	Within the median
	<input type="checkbox"/>	Within the roadway

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Dry roads, clear weather, daytime operation</u>
Lane Closure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Delineation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

MUTCD Typical App. # (List all applicable)	TA-5	Devices Required	Quantity
Site Traffic Speed	<u>65</u> MPH	Barricades	<u>N/A</u>
Lane Width	<u>12</u> Feet	Cones	<u>60</u>
Buffer Space	<u>645</u> Feet	Delineators	<u>N/A</u>
Cone Spacing	<u>10</u> Feet	Flagger	<u>N/A</u>
Merging Taper Length	<u>260</u> Feet	Arrow Panel	<u>1</u>
Advance Warning Sign Spacing	<u>1,000 ; 1,500 ; 2640</u> Feet	Other (Specify):	
Signs Used (Ex: W21-5, W21-1a)	<u>Arrow Panel (1000 ft) Shoulder Work (1,500 ft) Road Work Ahead (2640 ft) End of road work</u>		

Prepared by: Richard Offord
 Reviewed by: [Signature]
 (if different from above)

Date: 9-18-12
 Date: 9-18-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

all precautions were taken to minimize dust pollution

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offo Title: P.W.C.L. Date: 9-18-12

Approved by: Name: Ben Limero Title: facS Date: 9-18-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 7.76
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

Vegetation was above water line. Greg Johnson (Geologist)
sampled water in three pre-designated areas

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

- ESC1 Scheduling
- ESC2 Preservation of Existing Vegetation
- ESC21 Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offel Title: P.W.C.L. Date: 9-18-12

Approved by: [Signature] Title: FCCS Date: 9-18-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied to all ground work forces.
all effort was made to keep noise level below 85db

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard O... Title: P.W.C.L. Date: 9-18-12

Approved by: [Signature] Title: KCS Date: 9-18-12

[Signature]

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.



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PROJECT 74 – REACH 26

09/18/12

At approximately 8:20am on Tuesday September 18, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74 on the Artesia Freeway, West of the Harbor Freeway on the right shoulder to gain access to the East side of Project 74. A tailgate was given regarding Safety and Environmental concerns and the clearing continued. Work began at the access from the Artesia Freeway going north. Approximately 1/3 of the east side of Project 74 was cleared of overgrowth and the debris removed. This involved the pruning of trees and special care taken in the removal of evasive plants, such as Caster trees.

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	Flood Control South	Date:	9/19/12
Project Name:	Proj. 74	Start Time: (hour:minute)	8:20 AM/PM
Operation Type:	Debris clearing	End Time: (hour:minute)	3:51 AM/PM
Location:	91 Fwy off ramp Vermont		

Location of Work (check one)	<input checked="" type="checkbox"/>	Outside the shoulder
	<input type="checkbox"/>	On the shoulder with NO encroachment
	<input type="checkbox"/>	On the shoulder with encroachment
	<input type="checkbox"/>	Within the median
	<input type="checkbox"/>	Within the roadway

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Clear weather, Dry roads, Daytime operations
Lane Closure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Delineation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

MUTCD Typical App. # (List all applicable)	TA-5	Devices Required	Quantity
Site Traffic Speed	65 MPH	Barricades	N/A
Lane Width	12 Feet	Cones	60
Buffer Space	645 Feet	Delineators	N/A
Cone Spacing	10 Feet	Flagger	N/A
Merging Taper Length	260 Feet	Arrow Panel	1
Advance Warning Sign Spacing	1,000; 1,500; 2040 Feet	Other (Specify):	
Signs Used (Ex: W21-5, W21-1a)	Arrow Panel (1000) ft Shoulder Work (1500 ft) Road Work Ahead (2040 ft) End of Road Work		

Prepared by: Richard Offord Date: 9-19-12

Reviewed by: [Signature] Date: 9-19-12
(if different from above)

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

all precaution were taken to minimize dust pollution by timing
traffic in staging area where debris was loaded into dump trucks

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offal Title: P.W.C.L. Date: 9-19-12

Approved by: Name: [Signature] Title: FCS Date: 9-19-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied and worn by all ground personnel.
all precautions were made to keep db's below 85.

Disposition: Mitigation measure has been implemented. No future action is
 required.

Mitigation measure is not fully implemented. Further action is
 required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
 required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Duffell Title: P.W.C.L Date: 9-19-12

Approved by: [Signature] Title: FUS Date: 9-19-12

[Signature]

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.



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PROJECT 74 – REACH 26

09/19/12

At approximately 8:20am on Wednesday September 19, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74 on the Artesia Freeway, West of the Harbor Freeway on the right shoulder to gain access to the East side of Project 74. A tailgate was given regarding Safety and Environmental concerns and the clearing continued. Work continued on the east side where along with the removal of overgrowth, trees that were authorized to be cut and removed were hauled away.

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	Flood Control South	Date:	9/20/12
Project Name:	Proj. 74	Start Time: (hour:minute)	8:30 AM/PM
Operation Type:	Debris clearing	End Time: (hour:minute)	3:37 AM/PM
Location:	91 Fwy off ramp Vermont		

Location of Work (check one)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Outside the shoulder On the shoulder with NO encroachment On the shoulder with encroachment Within the median Within the roadway
-------------------------------------	---	--

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	X		Dry roads, clear weather, Daytime operation
Lane Closure		X	
Delineation	X		

MUTCD Typical App. # (List all applicable)	Devices Required	Quantity
TA-5		
Site Traffic Speed 65 MPH	Barricades	N/A
Lane Width 12 Feet	Cones	60
Buffer Space 645 Feet	Delineators	N/A
Cone Spacing 10 Feet	Flagger	N/A
Merging Taper Length 260 Feet	Arrow Panel	1
Advance Warning Sign Spacing 1,000 ; 1,500 ; 2640 Feet	Other (Specify):	
Signs Used (Ex: W21-5, W21-1a) Arrow Panel (1000 ft) Shoulder work (1,500 ft) Road Work Ahead (2640 ft) End of Road Work		

Prepared by: Richard Offord Date: 9-20-12

Reviewed by: [Signature] Date: 9-20-12
(if different from above)

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

while mower was in use, a water truck was use to minimize
dust pollution

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Rehab Official Title: P.W.C.L. Date: 9-20-12

Approved by: Name: [Signature] Title: FCS Date: 9-20-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied to and worn by all ground
personnel, every effort was made to keep noise levels
from exceeding 85 dbs.

Disposition: Mitigation measure has been implemented. No future action is
_____ required.

_____ Mitigation measure is not fully implemented. Further action is
_____ required. (Please explain below.)

_____ The mitigation measure is not in compliance. Further action is
_____ required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offay Title: P.W.C.L. Date: 9-20-12

Approved by: [Signature] Title: FCS Date: 9-20-12

[Signature]

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.



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PROJECT 74 – REACH 26

09/20/12

At approximately 8:30am on Thursday September 20, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74 on the Artesia Freeway, West of the Harbor Freeway on the right shoulder to gain access to the East side of Project 74. A tailgate was given regarding Safety and Environmental concerns and the clearing continued. Work continued on the east side until the section was completed north of Artesia. During this time, work had begun on Project 74's Southside (South of Artesia) in the open field with a mower. This work included a Water Truck for dust control of the area during operations.

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	Flood Control South	Date:	09/21/2012
Project Name:	Proj. 74	Start Time: (hour:minute)	8:30 AM/PM
Operation Type:	Debris removal	End Time: (hour:minute)	3:40 AM/PM
Location:	Vermont / Cassidy St. Ave.		

Location of Work (check one)	<input type="checkbox"/>	Outside the shoulder
	<input type="checkbox"/>	On the shoulder with NO encroachment
	<input checked="" type="checkbox"/>	On the shoulder with encroachment
	<input type="checkbox"/>	Within the median
	<input type="checkbox"/>	Within the roadway

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	X		Dry road, clear weather, daytime operation
Lane Closure		X	
Delineation	X		

MUTCD Typical App. # (List all applicable)	TA-6		Devices Required	Quantity
Site Traffic Speed	40	MPH	Barricades	N/A
Lane Width	10	Feet	Cones	60
Buffer Space	305	Feet	Delineators	N/A
Cone Spacing	10	Feet	Flagger	N/A
Merging Taper Length	107	Feet	Arrow Panel	N/A
Advance Warning Sign Spacing	350	Feet	Other (Specify):	
Signs Used (Ex: W21-5, W21-1a)	Road work Ahead X 2 Shoulder work ahead X 2 End of Road Work			

Prepared by: Richard O'Connell

Reviewed by: [Signature]
(if different from above)

Date: 9-21-12

Date: 9-21-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

while mowing was in progress, a water truck was utilized
to minimized dust pollution

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offord Title: P.W.C.L. Date: 9-21-12

Approved by: Name: [Signature] Title: FCS Date: 9-21-12

[Signature]

**LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM**

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 3.97
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

no contact was made with channel water in the cutting and removal of overgrowth debris

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

- ESC1 Scheduling
- ESC2 Preservation of Existing Vegetation
- ESC21 Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: [Signature] Title: P.W.C.L. Date: 9-21-12

Approved by: [Signature] Title: FOCS Date: 9-21-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied to and worn by all ground crews especially in the vicinity of the mower and water truck

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: [Signature] Title: P.W.C.L. Date: 9-21-12

Approved by: [Signature] Title: Pres Date: 9-21-12

[Signature]



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Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.

PROJECT 74 – REACH 26

09/21/12

At approximately 8:30am on Friday September 21, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74, south of Artesia on Vermont. A tailgate was given regarding Safety and Environmental concerns and the clearing continued. Mowing continued in the open field where the Water Truck continued to monitor dust control. Ground crews cut and removed overgrowth on the west side of the channel, downstream of Artesia.

**County of Los Angeles Department of Public Works
Temporary Traffic Control Plan/Checklist**

This checklist is to be used for mobile, short duration and short term operations only.
Intermediate and long term traffic control plans shall be reviewed and approved by the Detours Unit of Traffic and Lighting Division.

Division:	Flood Control South	Date:	09/22/2012
Project Name:	Proj. 74	Start Time: (hour:minute)	8:30 AM/PM
Operation Type:	Debris removal	End Time: (hour:minute)	3:30 AM/PM
Location:	Vermont / Cassidy St		

Location of Work (check one)	<input type="checkbox"/>	Outside the shoulder
	<input type="checkbox"/>	On the shoulder with NO encroachment
	<input checked="" type="checkbox"/>	On the shoulder with encroachment
	<input type="checkbox"/>	Within the median
	<input type="checkbox"/>	Within the roadway

Control Required	YES	NO	Comment (condition of road, weather, etc.)
Shoulder Closure	X		Dry roads, clear weather, daytime operation
Lane Closure		X	
Delineation	X		

MUTCD Typical App. # (List all applicable)	TA-6	Devices Required	Quantity
Site Traffic Speed	40 MPH	Barricades	N/A
Lane Width	10 Feet	Cones	60
Buffer Space	305 Feet	Delineators	N/A
Cone Spacing	10 Feet	Flagger	N/A
Merging Taper Length	107 Feet	Arrow Panel	N/A
Advance Warning Sign Spacing	350 Feet		
Signs Used (Ex: W21-5, W21-1a)	Road work ahead x2 Shoulder work ahead x2 End of road work	Other (Specify):	

Prepared by: [Signature]

Date: 9-22-12

Reviewed by: [Signature]
(if different from above)

Date: 9-22-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

every effort was made to keep dust pollution to a minimum such as limiting
traffic in debris removal staging area

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Rehal Offord Title: P.W.C.L. Date: 9-22-12

Approved by: Name: [Signature] Title: FCS Date: 9-22-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied to and worn by all personnel involved in the cutting and removal of overgrowth debris.
noise levels did not exceed 85 dbs

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: [Signature] Title: P.W.C.L. Date: 9-22-12

Approved by: [Signature] Title: Sup Date: 9-22-12

[Signature]



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Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.

PROJECT 74 – REACH 26

09/22/12

At approximately 8:30am on Saturday September 22, 2012, a Traffic Control Plan was put into place for the Soft Bottom Clearing at Project 74, south of Artesia on Vermont. A tailgate was given regarding Safety and Environmental concerns and the clearing continued. Ground crews completed the west side of the channel, downstream of Artesia and proceeded to work on the east side going south. Clearing continued and half of the area bordering the channel was cut and removed by personnel.

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

all possible precautions were taken in the cutting and removal of overgrowth
to minimize dust

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Rachel Offord Title: P.W.C.L. Date: 9-25-12

Approved by: Name: [Signature] Title: KUS Date: 9-25-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 4.2
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

no contact was made with channel water in the cutting and removal of debris, water sampling was done in three pre-designated areas of the channel

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

- ESC1 Scheduling
- ESC2 Preservation of Existing Vegetation
- ESC21 Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: [Signature] Title: P.W.C.L. Date: 9-25-12

Approved by: [Signature] Title: FOES Date: 9-25-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-foot Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

hearing protection was supplied to and worn by all personnel involved in the cutting and removal of overgrowth

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offord Title: P.W.C.L. Date: 9-25-12

Approved by: [Signature] Title: FCS Date: 9-25-12

[Signature]



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PROJECT 74 – REACH 26

09/25/12

At approximately 8:30am on Saturday September 25, 2012, a tailgate was given regarding Safety and Environmental concerns in the clearing of project 74. Ground crews continued cutting the remainder of the overgrowth and the pruning of trees on the south side until completion. This included a fenced in area that is located north of Dominguez Channel on Vermont and a broken tree branch that blocked access to the overgrowth in the Northwest corner of the area. This branch was approved to be cut by Steve Lipka after consulting with the vendor.

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the
vegetation which has been allowed to remain. New growth will not be allowed to
become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

lite work in area of channel, little likelihood of dust pollution.

Disposition: Mitigation measure has been implemented. No future action is
required.

Mitigation measure is not fully implemented. Further action is
required. (Please explain below.)

The mitigation measure is not in compliance. Further action is
required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offal Title: P.W.C.L. Date: 9-26-12

Approved by: Name: [Signature] Title: AS Date: 9-26-12

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 1.35
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-feet Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

with a pool skimming net debris such as paper & styrofoam cups, plastic bags and plastic drinking bottles were removed from surface of channel. This was accomplished without disturbing sediment in bottom of channel

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice was deemed to be applicable and was implemented

- ESC1 Scheduling
- ESC2 Preservation of Existing Vegetation
- ESC21 Dust Controls

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: [Signature] Title: P.W.C.L. Date: 9-26-12

Approved by: [Signature] Title: PLCS Date: 9-26-12

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure # 3

Location/Channel Reach #: Reach No. 26 Project 74

T.G.734-B7

Permit Requirements:

Project 74 - 500-foot Upstream of Vermont Avenue to Dominguez Channel, SD2
The channel will be cleared using hand labor. Hand labor will be used to trim the vegetation which has been allowed to remain. New growth will not be allowed to become established and will be removed annually by manual methods.

Description of Activity/Method of Implementation:

in Policing the area, noise levels weren't a factor

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Richard Offord Title: P.W.C.L. Date: 9-26-12

Approved by: [Signature] Title: FCS Date: 9-26-12

[Signature]

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name Project 74
 Reach Number 26

Date	Air	H2O	Noise	Comment	Initial
9-17-12	✓	✓	✓		R.O.
9-18-12	✓	✓	✓		R.O.
9-19-12	✓	✓	✓		R.O.
9-20-12	✓	✓	✓		R.O.
9-21-12	✓	✓	✓		R.O.
9-22-12	✓	✓	✓		R.O.
9-25-12	✓	✓	✓		R.O.
9-26-12	✓	✓	✓		R.O.

PROJECT 74 – REACH 26

09/26/12

On Wednesday, September 26, 2012, a tailgate was given regarding the final cleanup of Project 74. A crew of 3 men proceeded to remove plywood that was used to allow personnel to work through a wet area due to an outlet from a street drain. Using a pool net, floating debris (paper cups, Styrofoam, and plastic bags) was removed from the flow line of Project 74 encompassing the entirety of Reach 26. Debris was also removed from the outer fence line of Project 74 on Vermont, North of Artesia, which included green debris and trash.

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 27 Wilmington Drain T.G. 794-B4 TO B5

Permit Requirements:

All vegetation from the channel in the area upstream of Lomita Boulevard will be kept cleared. Between Lomita Boulevard and Pacific Coast Highway, vegetation will be kept clear from the two channels, but the island will remain. The work will be done with mechanical equipment.

Description of Activity/Method of Implementation:

Vegetation was had cleared with the assistance of a rubber track skid steer. Hand clearing of debris and non-native vegetation were removed from the invert. no dust was generated.

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Catch basin protection was provided.

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 1/11/13

Approved by: Name:  Title: P.E. Date: 4/4/13

DF

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed 111.30

Square Feet of Exotic Veg. Removed _____

Location/Channel Reach #: Reach No. 27 Wilmington Drain T.G. 794-B4 TO B5

Permit Requirements:

Description of Activity/Method of Implementation:

Due to hydrological conditions in the reach during the vegetation clearing operations, the following Best Management Practice were deemed to be applicable and were implemented

•	ESC1	Scheduling
•	ESC2	Preservation of Existing Vegetation
•	ESC21	Dust Controls
•	ESC22	Temporary Stream Crossing
•	ESC50	Silt Fence
•	ESC51	Straw Bale Barriers
•	ESC52	Sand Bag Barrier

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required.
(Please explain below.)
 The mitigation measure is not in compliance. Further action is required.
(Please explain below.)

Comments/Revisions:

Clearing was completed by contract. County crews implemented applicable BMP's
Catch basin protection was provided

Completed by: Name: Derrel Feiker Title: Construction Super. Date: 1/11/13

Approved by: Name:  Title: PE Date: 4/4/13



Los Angeles County Channel Maintenance Project

Mitigation Monitoring Program

Reach Name Wilmington Drain

Reach Number 27

Date	Air	H ₂ O	Noise	Comment	Initial
11/19/12	-	-	-	Due to MISCOMMUNICATION with the contractor this form was not filled out on these Dates.	DB
11/20/12	-	-	-	"	"
11/21/12	-	-	-	"	"
11/26/12	-	-	-	"	"
11/27/12	-	-	-	"	"
11/28/12	-	-	-	"	"
12/10/12	-	-	-	"	"
12/11/12	-	-	-	"	"
12/12/12	-	-	-	"	"
12/14/12	-	-	-	"	"
12/17/12					

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 43 San Gabriel River Upper
T.G. 677J-2 TO 676- J2

Permit Requirements: San Gabriel River - Whittier Narrows Dam to Beverly Boulevard, SD1 Mechanical equipment will be used to keep the channel clear of all vegetation, except for the riparian vegetation allowed to remain in November 1997. Trimming of the riparian vegetation may be necessary in the future as growth occurs.

Maintenance activities shall not extend beyond the area cleared in 1997. The vegetation (5.27 acres) that was allowed to remain in 1997 shall not be impacted during future maintenance activities.

Description of Activity/Method of Implementation:

Activity throughout the reach was completed by the hand clearing of non-native vegetation. Mowers were used in some areas. All mowers and trucks had their tires and undercarriage washed before leaving site, also water trucks were used to reduce impact to air quality.

- Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Alfred B. Carrillo Title: ECCS Date: 10/05/2012

Approved by: Name: [Signature] Title: PE Date: 4/4/13

[Signature]

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Hydrology and Water Quality

Mitigation Measure #: 2

Tons Trash/Debris Removed: 110
Square Feet of Exotic Veg. Removed: _____

Location/Channel Reach #: Reach No. 43 San Gabriel River Upper
T.G. 677J-2 TO 676- J2

Permit Requirements: San Gabriel River - Whittier Narrows Dam to Beverly Boulevard, SD1 Mechanical equipment will be used to keep the channel clear of all vegetation, except for the riparian vegetation allowed to remain in November 1997. Trimming of the riparian vegetation may be necessary in the future as growth occurs.

Maintenance activities shall not extend beyond the area cleared in 1997. The vegetation (5.27 acres) that was allowed to remain in 1997 shall not be impacted during future maintenance activities.

Description of Activity/Method of Implementation:

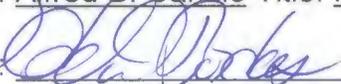
Activity in the reach was mostly hand clearing of non-native vegetation. Mowers were used in some areas. All mowers and trucks had their tires and undercarriage washed before leaving site, also water trucks were used to reduce impact to air quality. Methods Used is scheduled work around weather conditions. Biologist was on site during clearing.

.	ESC1	Scheduling
.	ESC2	Preservation of Existing Vegetation
.	ESC21	Dust Controls

Disposition: X Mitigation measure has been implemented. No future action is required.
_____ Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
_____ The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Alfred B. Carrillo Title: FCCS Date: 10/05/2012

Approved by: Name:  Title: PE Date: 4/4/13



LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise
Mitigation Measure #: 3

Location/Channel Reach #: Reach No. 43 San Gabriel River Upper
T.G. 677J-2 TO 676- J2

Permit Requirements: San Gabriel River - Whittier Narrows Dam to Beverly Boulevard, SD1 Mechanical equipment will be used to keep the channel clear of all vegetation, except for the riparian vegetation allowed to remain in November 1997. Trimming of the riparian vegetation may be necessary in the future as growth occurs.

Maintenance activities shall not extend beyond the area cleared in 1997. The vegetation (5.27 acres) that was allowed to remain in 1997 shall not be impacted during future maintenance activities.

Description of Activity/Method of Implementation:

Activity in the reach maintained moderated noise during working hours. Hand crews and mowers did not have any noise problem.

Disposition: Mitigation measure has been implemented. No future action is required.
 Mitigation measure is not fully implemented. Further action is required. (Please explain below.)
 The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Alfred B. Carrillo Title: FCCS Date: 10/05/2012

Approved by: Name: [Signature] Title: PE Date: 4/4/13

[Signature]

San Gabriel River Reach 43/44

Reach 43 Day 1,

September 17, 2012 weather was clear and sunny, with the high around the eighties. Today's work schedule is 6:30 to 4:00

Employees: Michael Baker
Orbel Jaramillo
Contractor: Powerland
Slope Mower
Slop Mower
Flex wing mower
Water Truck

Biologist: Brian
Steve

Equipment: 2 PRESSURE WASHERS

Orbel and I went to reach 43 this morning. We meet with Brian and Steve the biologist and powerland to discuss what needs to be cut and what not to cut.

Reach 43 Day 2,

September 18, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees:

David Aparicio
Ed Ramos
Michael Baker
Orbel Jaramillo
Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Water Truck

Biologist: Steve

Equipment: 13-329
09-324
06-098

1 PRESSURE WASHERS

The crew started cutting castor bean so the mowers could continue cutting their way south down unimproved San Gabriel River.

Reach 43 Day 3,

September 19, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: Michael Baker

Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Water Truck

Biologist: Steve

Equipment:

06-098

1 PRESSURE WASHERS

The mowers continued cutting their way south down unimproved San Gabriel River.

Reach 43 Day 4,

September 20, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: Michael Baker
Ralph Sanchez
Ed Ramos
Arnold Aguirre

Contractor: Powerland
Slop Mower
1Flex wing
2 Rubber Track mowers
Water Truck

Biologist: Brian

Equipment:

13-329

06-098

1 PRESSURE WASHERS

The mowers continued cutting their way south down unimproved San Gabriel River. The hand crew cut bagged and removed castor bean.

Reach 43/44 U Day 5,

September 21, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: Michael Baker
Ralph Sanchez
Ed Ramos
Arnold Aguirre

Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Water Truck

Biologist: Brian

Equipment: 13-329
06-098
1 PRESSURE WASHERS

The two rubber track mowers and the slope mower started cutting the west bank of reach 43. The two flex wing mowers started the upper part of reach 44. The hand crew cut bagged and removed castor bean.

Reach 43/44 U Day 6,

September 24, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of fifty LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Crane Plucker
Water Truck

Biologist: Brian

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHERS

We had a total of 50 employees from the south area. Start cutting and removing Caster beans and horundo in the north east area of reach 43. The plucker started today. The two rubber track mowers finished the right bank of reach 43. The slope mower continued down reach 43. The two flex wing mowers continued working down reach 44. The mowing of reach 43 was completed and the biologist is no longer needed.

Reach 43/44 Day 7,

September 25, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 31 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 31 employees from the south area. They continued cutting and removing Caster beans and horundo in the north east area of reach 43. The plucker worked in the north east area as well. The rubber track mower and slope mower started on reach 44. The flex wing mower continued working down reach 44.

Reach 43/44 Day 8,

September 26, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 46 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 46 employees from the south area. They continued cutting and removing Caster beans and horundo in the north east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is still working in the north east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 9,

September 27, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 45 LACDPW from the south area.

Contractor: Powerland
Slop Mower
IFlex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 45 employees from the south area. They started cutting and removing Caster beans and horundo in the south east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 10,

September 28, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 33 LACDPW from the south area.

Contractor: Powerland

1Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 33 employees from the south area. They continued cutting and removing Caster beans and horundo in the south east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 11,

OCTOBER 1, 2012 weather was clear and sunny, high in low hundreds. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 38 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 38 employees from the south area. They started cutting and removing Caster beans and horundo in the west area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 12,

October 2, 2012 weather was clear and sunny, high in the low hundreds. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 45 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2 Flex wing

Crane Plucker

Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 45 employees from the south area. They continued cutting and removing Caster beans and horundo in the north area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. Slope mower continued on reach 44. The two flex wing mower continued working down reach 44 toward RD5

Reach 43/44 Day 13,

October 3, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 37 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 37 employees from the south area. They continued cutting and removing Caster beans and horundo in the north area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south WEST area. The slope mower continued on reach 44. The two flex wing mowers continued working down reach 44 toward RD6

Reach 43/44 Day 14,

October 4, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 31 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 31 employees from the south area. They continued cutting and removing Caster beans and horundo south of San Gabriel Parkway. The plucker is working in the south WEST area. The slope mower started south of rd6 continued on reach 44. The flex wing mower continued working down reach 44 toward RD6

Reach 43/44 Day 15,

October 5, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 3:00.

Employees: A Total of 25 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 25 employees from the south area. They continued cutting and removing Caster beans and horundo south of San Gabriel Parkway. The plucker is working south of San Gabriel Park way. The slope mower continued south of rd6 on reach 44. The flex wing mower started working south of RD6 on reach 44.

Reach 44 Day 16,

October 9, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 12 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing mowers

Water Truck

Los Angeles County Channel Maintenance Project

Mitigation Monitoring Program

Reach Name San Gabriel River Whittier Narrows

Reach Number 43

Date	Air	H2O	Noise	Comment	Initial
09/17/12	GOOD	NONE	LOW	MEET WITH BIOLOGIST AND MOWERS TO GO OVER SCOPE OF WORK	MB
09/18/12	GOOD	NONE	MODERATE	MOWERS AND HAND CREWS WORKING	MB
09/19/12	GOOD	NONE	LOW / MODERATE	MOWERS	MB
09/20/12	GOOD	NONE	LOW / MODERATE	MOWERS WORKING AND HAND CREWS REMOVING NON-NATIVE VEGETATION	MB
09/21/12	GOOD	NONE	LOW / MODERATE	MOWERS WORKING	
09/24/12			LOW / MODERATE	LARGE CREW MEMBER CLEARING NON-NATIVE VEGETATION ALONG WITH MOWERS	OJ/MB
09/25/12	GOOD	NONE	LOW	HAND CREWS WORKING	OJ
09/26/12	GOOD	NONE	LOW	HAND CREWS WORKING	OJ
09/27/12	GOOD	NONE	LOW	HAND CREWS WORKING	OJ
09/28/12	GOOD	NONE	LOW	HAND CREWS WORKING	OJ

LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Air Quality

Mitigation Measure #: 1

Location/Channel Reach #: Reach No. 44 San Gabriel Rubber Dams
T.G. 676-J2 TO 706-D6

Permit Requirements: Mechanical equipment will be used to keep the channel clear of all vegetation, except for the riparian vegetation allowed to remain in November 1997. Trimming of the riparian vegetation may be necessary in the as future growth occurs.

Maintenance activities shall not extend beyond the area cleared in 1997. The vegetation (5.70 acres) that was allowed to remain in 1997 shall not be impacted during future maintenance activities.

Description of Activity/Method of Implementation:

Activity throughout the reach was completed by the hand clearing of non-native vegetation. Mowers were used in some areas. All mowers and trucks had their tires and undercarriage washed before leaving site, also water trucks were used to reduce impact to air quality.

Disposition: Mitigation measure has been implemented. No future action is required.

Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Alfred B. Carrillo Title: FCCS Date: 12/03/2012

Approved by: Name:  Title: PE Date: 4/4/13



LOS ANGELES COUNTY CHANNEL MAINTENANCE PROJECT
MITIGATION MONITORING PROGRAM

Compliance Verification Form

Impact Issue: Noise

Mitigation Measure #: 3

Location/Channel Reach #: Reach No. 44 San Gabriel Rubber Dams
T.G. 676 - J2 TO 706 - D6

Permit Requirements: Mechanical equipment will be used to keep the channel clear of all vegetation, except for the riparian vegetation allowed to remain in November 1997. Trimming of the riparian vegetation may be necessary in the as future growth occurs.

Maintenance activities shall not extend beyond the area cleared in 1997. The vegetation (5.70 acres) that was allowed to remain in 1997 shall not be impacted during future maintenance activities.

Description of Activity/Method of Implementation:

Activity in the reach maintained moderated noise during working hours. Hand crews and mowers did not have any noise issues.

Disposition: Mitigation measure has been implemented. No future action is required.

_____ Mitigation measure is not fully implemented. Further action is required. (Please explain below.)

_____ The mitigation measure is not in compliance. Further action is required. (Please explain below.)

Comments/Revisions:

Completed by: Name: Alfred B. Carrillo Title: FCCS Date: 12/03/2012

Approved by: Name: [Signature] Title: PE Date: 4/9/13

[Signature]

The mowers continued cutting their way south down unimproved San Gabriel River. The hand crew cut bagged and removed castor bean.

Reach 43/44 U Day 5,

September 21, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: Michael Baker
Ralph Sanchez
Ed Ramos
Arnold Aguirre

Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Water Truck

Biologist: Brian

Equipment:
13-329
06-098
1 PRESSURE WASHERS

The two rubber track mowers and the slope mower started cutting the west bank of reach 43. The two flex wing mowers started the upper part of reach 44. The hand crew cut bagged and removed castor bean.

Reach 43/44 U Day 6,

September 24, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of fifty LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing
2 Rubber Track mowers
Crane Plucker
Water Truck

Biologist: Brian

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHERS

We had a total of 50 employees from the south area. Start cutting and removing Caster beans and horundo in the north east area of reach 43. The plucker started today. The two rubber track mowers finished the right bank of reach 43. The slope mower continued down reach 43. The two flex wing mowers continued working down reach 44. The mowing of reach 43 was completed and the biologist is no longer needed.

Reach 43/44 Day 7,

September 25, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 31 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 31 employees from the south area. They continued cutting and removing Caster beans and horundo in the north east area of reach 43. The plucker worked in the north east area as well. The rubber track mower and slope mower started on reach 44. The flex wing mower continued working down reach 44.

Reach 43/44 Day 8,

September 26, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 46 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 46 employees from the south area. They continued cutting and removing Caster beans and horundo in the north east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is still working in the north east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 9,

September 27, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 45 LACDPW from the south area.

Contractor: Powerland
Slop Mower
IFlex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 45 employees from the south area. They started cutting and removing Caster beans and horundo in the south east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 10,

September 28, 2012 weather was clear and sunny, high in mid eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 33 LACDPW from the south area.

Contractor: Powerland

IFlex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 33 employees from the south area. They continued cutting and removing Caster beans and horundo in the south east area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 11,

OCTOBER 1, 2012 weather was clear and sunny, high in low hundreds. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 38 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1 Flex wing
1 Rubber Track mowers
Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 38 employees from the south area. They started cutting and removing Caster beans and horundo in the west area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. The rubber track mower and slope mower continued on reach 44. The flex wing mower continued working down reach 44 also.

Reach 43/44 Day 12,

October 2, 2012 weather was clear and sunny, high in the low hundreds. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 45 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2 Flex wing

Crane Plucker

Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 45 employees from the south area. They continued cutting and removing Caster beans and horundo in the north area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south east area. Slope mower continued on reach 44. The two flex wing mower continued working down reach 44 toward RD5

Reach 43/44 Day 13,

October 3, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 37 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 37 employees from the south area. They continued cutting and removing Caster beans and horundo in the north area of reach 43. Working their way south toward San Gabriel River Park Way. The plucker is working in the south WEST area. The slope mower continued on reach 44. The two flex wing mowers continued working down reach 44 toward RD6

Reach 43/44 Day 14,

October 4, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 31 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 31 employees from the south area. They continued cutting and removing Caster beans and horundo south of San Gabriel Parkway. The plucker is working in the south WEST area. The slope mower started south of rd6 continued on reach 44. The flex wing mower continued working down reach 44 toward RD6

Reach 43/44 Day 15,

October 5, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 3:00.

Employees: A Total of 25 LACDPW from the south area.

Contractor: Powerland
Slop Mower
1Flex wing mowers

Crane Plucker
Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 25 employees from the south area. They continued cutting and removing Caster beans and horundo south of San Gabriel Parkway. The plucker is working south of San Gabriel Park way. The slope mower continued south of rd6 on reach 44. The flex wing mower started working south of RD6 on reach 44.

Reach 44 Day 16,

October 9, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 12 LACDPW from the south area.

Contractor: Powerland
Slop Mower
2Flex wing mowers

Water Truck

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 12 employees from the south area. They continued cutting and removing Caster beans and horundo in reach 44. The employees are moving south cutting and removing vegetation. The flex wings and slope mower finished cutting what they could. Powerland will have the track mower go over and touch up the areas that the big equipment could not cut. The plucker continued in reach 44 south of rd2.

Reach 44 Day 17,

October 10, 2012 weather was clear and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor: Powerland
Crain Plucker

Equipment: Various crew vehicles such as,
8,9,13 series a loader and 10 yard trucks to name a few.
1 PRESSURE WASHER

We had a total of 9 employees from the south area. They continued cutting and removing Caster beans and horundo in reach 44. The employees are moving south finishing up cutting and removing vegetation. The plucker continued in reach 44.

Reach 44 Day 18,

October 11, 2012 weather was cloudy and drizzle, high in the low seventies. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor: Powerland
Crain Plucker

Equipment: Various crew vehicles such as,
8, 9, series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 9 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44. The employees are moving south finishing up cutting and removing vegetation. The plucker finished and was dismissed.

Reach 44 Day 19,

October 15, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor: Powerland
1 rubber track mower
Water truck

Equipment: Various crew vehicles such as,
8, 9, series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 9 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation. The rubber track mower and water truck finished and was dismissed.

Reach 44 Day 20,

October 16, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 9 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 21,

October 17, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 9 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 22,

October 18, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 9 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 9 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 23,

October 19, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 3:00.

Employees: A Total of 8 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard trucks to name a few.

Water Truck

We had a total of 8 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 24,

October 22, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 7 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 7 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 25,

October 23, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Contractor:

Equipment: Various crew vehicles such as,
8, 9,13 series and a loader and 10 yard trucks to name a few.
Water Truck

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44 around the rd's .The employees are moving south finishing up cutting and removing vegetation.

Reach 44 Day 26,

October 24, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 27,

October 25, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 28,

October 29, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 29,

October 30, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 30,

October 31, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 31,

November 1, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 32,

November 2, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 33,

November 5, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 34,

November 14, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44.

Reach 44 Day 35,

November 17, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 6 LACDPW from the south area.

Equipment: Various crew vehicles such as,
8, 9, 13 series and a loader and 10 yard truck.

We had a total of 6 employees from Rio Hondo Yard. They continued cutting and removing Caster beans and horundo in reach 44. The hand crew finished cutting the vegetation. The only thing left to do is remove the vegetation.

Reach 44 Day 36,

November 29, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 3 LACDPW from the south area.

Equipment: Loader and 10 yard truck.

We had a total of 3 employees from Rio Hondo Yard. They removed vegetation.

Reach 44 Day 37,

November 30, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 3 LACDPW from the south area.

Equipment: Loader and 10 yard truck.

We had a total of 3 employees from Rio Hondo Yard. They removed vegetation.

Reach 44 Day 38,

December 3, 2012 weather was warm and sunny, high in the low eighties. Today's work schedule is 6:30 through 4:00.

Employees: A Total of 3 LACDPW from the south area.

Equipment: Loader and 10 yard truck.

We had a total of 3 employees from Rio Hondo Yard. They removed vegetation and the job is finished. Soft bottom clearing for the San Gabriel River is complete.

Michael J. Baker
Crew Leader LACDPW
Rio Hondo Spreading Grounds
562-480-7188

Los Angeles County Channel Maintenance Project

Mitigation Monitoring Program

Reach Name San Gabriel River Rubber Dams, SD, 4

Reach Number 44

Date	Air	H2O	Noise	Comment	Initial
9/21/12	GOOD	NONE	LOW	HAND CREWS CLEARING NON-NATIVE VEGETATION	OJ
09/24/12	GOOD	NONE	LOW / MODERATE	LARGE CREW MEMBER CLEARING NON-NATIVE VEGETATION ALONG WITH MOWERS	OJ
09/25/12	GOOD	NONE	MODERATE	MOWERS	MB
09/26/12	GOOD	NONE	MODERATE	MOWERS	MB
09/26/12	GOOD	NONE	MODERATE	MOWERS	MB
09/27/12	GOOD	NONE	MODERATE	MOWERS	MB
09/28/12	GOOD	NONE	MODERATE	MOWERS	MB

Los Angeles County Channel Maintenance Project
 Mitigation Monitoring Program
 Reach Name San Gabriel River Rubber Dams, SD, 4

Reach Number 44

Date	Air	H2O	Noise	Comment	Initial
10/01/12	GOOD	LIGHT	MODERATE	MOWING H2O NEAR OUTLET STRUCTURES	MB
10/02/12	GOOD	LIGHT	MODERATE	MOWING H2O NEAR OUTLET STRUCTURES	MB
10/03/12	GOOD	LIGHT	MODERATE	MOWING H2O NEAR OUTLET STRUCTURES	MB
10/04/12	GOOD	LIGHT	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION AND MOWING H2O NEAR OUTLET STRUCTURES	MB
10/05/12	GOOD	LIGHT	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION AND MOWING H2O NEAR OUTLET STRUCTURES	MB
10/09/12	GOOD	LIGHT	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION AND MOWING H2O NEAR OUTLET STRUCTURES	MB
10/10/12	GOOD	LIGHT	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION AND MOWING H2O NEAR OUTLET STRUCTURES	MB
10/15/12	GOOD	LIGHT	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION AND MOWING H2O NEAR OUTLET STRUCTURES	MB
10/16/12	GOOD	NONE	LOW/ MODERATE	HAND CREWS CLEARING NON-NATIVE VEGETATION H2O NEAR OUTLET STRUCTURES	OJ
10/17/12	GOOD	NONE	LOW/ MODERATE	HAND CREWS TRIMMING NON-NATIVE TREES, H2O NEAR OUTLET STRUCTURES	OJ

